



**Portland General Electric**  
121 SW Salmon Street • Portland, OR 97204  
portlandgeneral.com

December 27, 2023

Public Utility Commission of Oregon  
Attn: Filing Center  
201 High Street, S.E.  
P.O. Box 1088  
Salem, OR 97308-1088

**RE: Supplemental Filing of Advice No. 23-40, UE 416 General Rate Revision  
Compliance Filing**

Portland General Electric Company (PGE) submits this electronic compliance filing pursuant to Oregon Revised Statutes 757.205 and 757.210 and Oregon Administrative Rules (OARs) 860-022-0025 and 860-022-0030. This Tariff is submitted in compliance with Order Nos. 23-386, 23-476 and 23-477, issued on October 30, 2023 and December 18, 2023, respectively. This Tariff is labeled P.U.C. Oregon No. E-19 and supersedes the Company's previous Tariff, P.U.C. Oregon No. E-18, in its entirety, to be effective January 1, 2024.

PGE initially filed Advice No. 23-40 on December 19, 2023. PGE is submitting this Supplemental Filing updating the following:

Schedule 92, the Transmission Charge is corrected from 0.421 to 0.420 ¢ per kWh to match the work papers submitted with the initial compliance filing.

Schedule 125, language is updated to include "and all associated minimum filing requirements." We also revised language around the April 1 filing deadline.

Schedule 126, the statement on 126-4 related to the 6% cap was inadvertently removed and is added it back.

Enclosed are the following replacement sheets.

Original Sheet No. 92-1  
Original Sheet No. 125-1  
Original Sheet No. 125-2  
Original Sheet No. 125-3  
Original Sheet No. 126-4

Enclosed is the following additional sheet due to pagination.

Original Sheet No. 125-4

All other sheets remain as previously filed.

Redline versions are included as a courtesy for Schedules 125 and 126.

The changes discussed above did not affect PGE's responses in its initial Advice Filing on December 19, 2023, which require PGE to satisfy the requirements of OAR 860-022-0025(2) and 860-022-0030.

The work papers submitted on December 19, 2023, remain unchanged.

Please direct any questions regarding this filing to Chris Pleasant at [christopher.pleasant@pgn.com](mailto:christopher.pleasant@pgn.com)

Please direct all formal correspondence and requests to the following email address [pge.opuc.filings@pgn.com](mailto:pge.opuc.filings@pgn.com)

Sincerely,

*\s\ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing & Tariffs

Enclosures  
cc: UE 416 Service List

**SCHEDULE 92  
TRAFFIC SIGNALS  
(NO NEW SERVICE)  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To municipalities or agencies of federal or state governments where funds for payment of Electricity are provided through taxation or property assessment for traffic signals and warning facilities in systems containing at least 50 intersections on public streets and highways. This schedule is available only to those governmental agencies receiving service under Schedule 92 as of September 30, 2001.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Transmission and Related Services Charge</u>	0.420	¢ per kWh
<u>Distribution Charge</u>	1.905	¢ per kWh
<u>Energy Charge</u>	6.887	¢ per kWh

\* See Schedule 100 for applicable adjustments.

**ELECTION WINDOW**

Balance-of-Year Election Window

The Balance-of-Year Election Window begins at 8:00 a.m. on February 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The Window will remain open from 8:00 a.m. of the first day through 5:00 p.m. of the third business day of the Election Window.

Balance-of-Year Election Window, a Customer may notify the Company of its choice to move to Direct Access Service. For the February 15<sup>th</sup> election, the move is effective on the following April 1<sup>st</sup>. A Customer may not choose to move from an alternative option back to Cost of service during a Balance-of-Year Election Window.

**SCHEDULE 125  
ANNUAL POWER COST UPDATE**

**PURPOSE**

The purpose of this adjustment schedule is to define procedures for annual rate revisions due to changes in the Company's projected Net Variable Power Costs (the Annual Power Cost Update). This schedule is an automatic adjustment clause as defined in ORS 757.210(1), and is subject to review by the Commission at least once every two years.

**APPLICABLE**

To all Cost-of-Service bills for Electricity Service served under the following rate schedules 7, 15, 32, 38, 47, 49, 75, 83, 85, 89, 90, 91, 92, and 95. Customers served under the daily price option contained in schedules 32, 38, 75, 81, 83, 85, 89, 90, 91, and 95 are exempt from Schedule 125.

**NET VARIABLE POWER COSTS**

Net Variable Power Costs (NVPC) are the power costs for energy generated and purchased. NVPC are the net cost of fuel and emission control chemicals, fuel and emission control chemical transportation, power contracts, transmission/wheeling, wholesale sales, hedges, options and other financial instruments incurred to serve retail load.

**RATES**

This adjustment rate is subject to increases or decreases, which may be made without prior hearing, to reflect increases or decreases, or both, in NVPC.

**ANNUAL UPDATES**

The following updates will be made in each of the Annual Power Cost Update filings:

- NVPC Modeling Changes
- Forced Outage Rates based on a four-year rolling average.
- Projected planned plant outages.
- Wind energy forecast based on a five-year rolling average.
- Costs associated with wind and solar integration. The battery portion of wind and solar projects that have a battery storage component may be included if the battery is charged solely by wind and solar generation.
- Dispatch of energy storage systems.
- Forward market prices for both gas and electricity.
- Projected loads.
- Contracts for the purchase or sale of power and fuel.
- Emission control chemical costs.
- Thermal plant variable operation and maintenance, including the cost of transmission losses, for dispatch purposes.

**SCHEDULE 125 (Continued)**

**ANNUAL UPDATES (Continued)**

- Changes in hedges, options, and other financial instruments used to serve retail load.
- Transportation contracts and other fixed transportation costs.
- Reciprocating engine lubrication oil costs.
- Projections of State and Federal Production Tax Credits.
- No other changes or updates will be made in the annual filings under this schedule.

**CHANGES IN NET VARIABLE POWER COSTS**

Changes in NVPC for purposes of rate determination under this schedule are the projected NVPC as determined in the Annual Power Cost Update less the NVPC revenues that would occur at the NVPC prices determined in the Company's most recent general rate case, adjusted for a revenue sensitive cost factor of 1.0346.

**FILING AND EFFECTIVE DATE**

Should the Company propose modeling changes outside of a general rate case to be effective on January 1<sup>st</sup> of the following calendar year, the Company will file estimates of the proposed modeling changes and all associated minimum filing requirements no later than February 15 of the calendar year prior to the rate effective date. Any estimates for modeling changes proposed in a general rate case year shall be filed at the earlier of either the filing of GRC opening testimony or by April 1<sup>st</sup> prior to the rate effective date.

On or before April 1<sup>st</sup> of each calendar year, the Company will file estimates of the adjustments to its NVPC to be effective on January 1<sup>st</sup> of the following calendar year.

On or before October 1<sup>st</sup> of each calendar year, the Company will file updated estimates with final planned maintenance outages, final load forecast, updated projections of gas and electric prices, power, and fuel contracts.

On or before November 6<sup>th</sup> or the next available business day if the 6<sup>th</sup> is on a weekend of each calendar year, the Company will file estimates with the final planned maintenance outages from the October 1<sup>st</sup> filing, load forecasts from the October 1<sup>st</sup> filings, load reductions from the October update resulting from additional participation in the Company's Long-Term Cost of Service Opt-out that occurs in September, new market power and fuel contracts entered into since the previous updates, and updated projections of gas and electric prices, power, and fuel contracts.

**SCHEDULE 125 (Continued)**

**FILING AND EFFECTIVE DATE (Continued)**

On November 15<sup>th</sup>, or the next available business day if the 15<sup>th</sup> is on a weekend the Company will file the final estimate of NVPC and will calculate and file the final change in NVPC to be effective on the next January 1<sup>st</sup> with: 1) projected market electric and fuel prices based on the average of the Company’s internally generated projections made during the period November 1<sup>st</sup> through November 7<sup>th</sup>, 2) the final planned maintenance outages and load forecast from the October 1<sup>st</sup> filing, 3) final update to Qualifying Facilities online dates, and 4) final price for the energy generation at the Priest Rapids and Wanapum hydro facilities, as provided in the power contract between PGE and Grant County.

**RATE ADJUSTMENT**

The rate adjustment will be based on the Adjusted NVPC less the NVPC revenues that would occur at the NVPC prices determined in the Company’s most recent general rate case applied to forecast loads used to determine changes in Net Variable Power Costs. NVPC prices are defined as the price component that recovers the level of NVPC from the Company’s most recent general rate case contained in each Schedule’s Cost of Service energy prices.

**ADJUSTMENT RATES**

Schedule		¢ per kWh
7		0.000
15		0.000
32		0.000
38		0.000
47		0.000
49		0.000
75		
	Secondary	0.000 <sup>(1)</sup>
	Primary	0.000 <sup>(1)</sup>
	Subtransmission	0.000 <sup>(1)</sup>
83		0.000
85		
	Secondary	0.000
	Primary	0.000
89		
	Secondary	0.000
	Primary	0.000
	Subtransmission	0.000

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

**SCHEDULE 125 (Concluded)**

ADJUSTMENT RATES (Continued)

90	Primary	0.000
	Subtransmission	0.000
91		0.000
92		0.000
95		0.000

**SPECIAL CONDITION**

1. Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of generation revenue applied on a cents per kWh basis to each applicable rate schedule.

## SCHEDULE 126 (Continued)

### DEFINITIONS (Continued)

- Include Energy Charge revenues from Schedules 76R, 38, 83, 85, 89, 90, and 91 Energy pricing options other than Cost of Service and the Energy Charge revenues from the Market Based Pricing Option from Schedules 485, 489, 490, 491, 492, 495 and 689 as an offset to NVPC.
- NVPC shall be adjusted as needed to comply with Order 07-015 that states that ancillary services, the revenues from sales as well as the costs from the services, should also be taken into account in the mechanism.
- Actual NVPC will be increased to include the value of the energy associated with those Customers that received the Schedule 128 Balance of Year Transition Adjustment for the period during the year that the Customers received the Schedule 128 adjustment.
- Include reciprocating engine lubrication oil expenses.
- Include actual State and Federal Production Tax Credits.

RCE Power Cost Mechanism – 80% of the RCE Power Cost that is exempt from the earnings test and deadbands.

RCE Load - Total retail load served by PGE during an RCE, adjusted to exclude loads of Customers to whom this adjustment schedule does not apply.

Reliability Contingency Event – An event qualifies as a Reliability Contingency Event (RCE) for cost recovery when at least 2 out of the 3 criteria are met:

1. The Day-ahead Mid-Columbia index prices exceed \$150/MWh.
2. PGE is eligible to request or acquire resource adequacy (RA) assistance through a regional RA program in which it participates.
3. A neighboring Balancing Authority has publicly declared an event that indicates potential supply or actual supply constraints.

### ADJUSTMENT AMOUNT

The amount accruing to the Power Cost Variance Account, whether positive or negative will be multiplied by a revenue sensitive factor of 1.0357 to account for franchise fees, uncollectibles, and OPUC fees.

The Power Cost Adjustment Rate shall be set at level such that the projected amortization for 12 month period beginning with the implementation of the rate is no greater than six percent (6%) of annual Company retail revenues for the preceding calendar year.

### TIME AND MANNER OF FILING

As a minimum, on July 1<sup>st</sup> of the following year (or the next business day if the 1<sup>st</sup> is a weekend or holiday), the Company will file with the Commission recommended adjustment rates for the next calendar year.

## SCHEDULE 125 ANNUAL POWER COST UPDATE

### PURPOSE

The purpose of this adjustment schedule is to define procedures for annual rate revisions due to changes in the Company's projected Net Variable Power Costs (the Annual Power Cost Update). This schedule is an automatic adjustment clause as defined in ORS 757.210(1), and is subject to review by the Commission at least once every two years.

### APPLICABLE

To all Cost-of-Service bills for Electricity Service served under the following rate schedules 7, 15, 32, 38, 47, 49, 75, 83, 85, 89, 90, 91, 92, and 95. Customers served under the daily price option contained in schedules 32, 38, 75, 81, 83, 85, 89, 90, 91, and 95 are exempt from Schedule 125.

### NET VARIABLE POWER COSTS

Net Variable Power Costs (NVPC) are the power costs for energy generated and purchased. NVPC are the net cost of fuel and emission control chemicals, fuel and emission control chemical transportation, power contracts, transmission/wheeling, wholesale sales, hedges, options and other financial instruments incurred to serve retail load.

### RATES

This adjustment rate is subject to increases or decreases, which may be made without prior hearing, to reflect increases or decreases, or both, in NVPC.

### ANNUAL UPDATES

The following updates will be made in each of the Annual Power Cost Update filings:

- NVPC Modeling Changes
  - Forced Outage Rates based on a four-year rolling average.
  - Projected planned plant outages.
  - Wind energy forecast based on a five-year rolling average.
  - Costs associated with wind and solar integration. The battery portion of wind and solar projects that have a battery storage component may be included if the battery is charged solely by wind and solar generation.
  - Dispatch of energy storage systems.
  - Forward market prices for both gas and electricity.
  - Projected loads.
  - Contracts for the purchase or sale of power and fuel.
  - Emission control chemical costs.
  - Thermal plant variable operation and maintenance, including the cost of transmission losses, for dispatch purposes.

## SCHEDULE 125 (Continued)

### ANNUAL UPDATES (Continued)

- Changes in hedges, options, and other financial instruments used to serve retail load.
- Transportation contracts and other fixed transportation costs.
- Reciprocating engine lubrication oil costs.
- Projections of State and Federal Production Tax Credits.
- No other changes or updates will be made in the annual filings under this schedule.

### CHANGES IN NET VARIABLE POWER COSTS

Changes in NVPC for purposes of rate determination under this schedule are the projected NVPC as determined in the Annual Power Cost Update less the NVPC revenues that would occur at the NVPC prices determined in the Company's most recent general rate case, adjusted for a revenue sensitive cost factor of 1.03~~4631~~.

### FILING AND EFFECTIVE DATE

Should the Company propose modeling changes outside of a general rate case to be effective on January 1<sup>st</sup> of the following calendar year, the Company will file estimates of the proposed modeling changes and all associated minimum filing requirements no later than February 15 of the calendar year prior to the rate effective date. Any estimates for modeling changes proposed in a general rate case year shall be filed at the earlier of either the filing of GRC opening testimony or by April 1<sup>st</sup> prior to the rate effective date.

On or before April 1<sup>st</sup> of each calendar year, the Company will file estimates of the adjustments ~~and modeling enhancements~~ to its NVPC to be effective on January 1<sup>st</sup> of the following calendar year.

On or before October 1<sup>st</sup> of each calendar year, the Company will file updated estimates with final planned maintenance outages, final load forecast, updated projections of gas and electric prices, power, and fuel contracts.

On or before November 6<sup>th</sup> ~~or the next available business day if the 6<sup>th</sup> is on a weekend~~ of each calendar year, the Company will file estimates with the final planned maintenance outages from the October 1~~st~~ filing, load forecasts from the October 1~~st~~ filings, load reductions from the October update resulting from additional participation in the Company's Long-Term Cost of Service Opt-out that occurs in September, new market power and fuel contracts entered into since the previous updates, and updated projections of gas and electric prices, power, and fuel contracts.

**SCHEDULE 125 (Continued~~cluded~~)**

**FILING AND EFFECTIVE DATE (Continued)**

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**RATE ADJUSTMENT**

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**ADJUSTMENT RATES**

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(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

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ADJUSTMENT RATES (Continued)

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**SPECIAL CONDITION**

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## SCHEDULE 126 (Continued)

### DEFINITIONS (Continued)

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